

Attachment 1 - CAES Compression Test Project Data Collection Timeline

	Feb-14	Apr-14	May-14	Sep-14	Oct-14	Nov-14	Dec-14
Operations							
Drilling					10/8/14	11/4/14	
Well Completion						11/20/14	11/25/14
Nitrogen Lift						11/26/14	
Well Stimulation						11/26/14	
Oxygen Depleted Air Injection Bubble Build							
Oxygen Depleted Air Withdrawal Test (Cycle Test 1 & 2)							
Ambient Air Injection Bubble Build							
Ambient Air Withdrawal Test							
I/W Well Plugging and Abandonment							
Demonstrations							
Step Rate Test (during drilling)						10/27/14	
Internal MIT - I/W Well							
Internal MIT - P 1-27							
Fall Off Tests							
External MIT							
Monitoring Logs							
I/W Well Wellhead Pressure & Temperature							
I/W Well Downhole Pressure & Temperature							
I/W Well Downhole Pressure & Temperature Survey							
I/W Well Annular Pressure & Temperature							
I/W Well Pressure & Temperature Log							
P 1-27 Wellhead Pressure & Temperature							
P 1-27 Well Downhole Pressure & Temperature Survey	2/12/14						
P 1-27 Well Annular Pressure & Temperature							
P 1-27 TMDL Log				9/10/14			
P 1-27 Temperature Log							
Citizen Green Wellhead Pressure & Temperature							
Citizen Green Downhole Pressure & Temperature Survey							
P 2-27 TMDL Log					10/23/14		
P 2-27 Temperature Log							
Sampling							
Injection Sample of Depleted Air							
Injection Sample of Ambient Air							
Sample of Water Flow Produced by N2 Lift of I/W Well						11/26/14	

Attachment 1 - CAES Compression Test Project Data Collection Timeline

	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15
<b>Operations</b>						
Drilling						
Well Completion						
Nitrogen Lift						
Well Stimulation						
Oxygen Depleted Air Injection Bubble Build		2/14/15	5/4/15			
Oxygen Depleted Air Withdrawal Test (Cycle Test 1 & 2)				5/5/15	5/15/15	
Ambient Air Injection Bubble Build					5/21/15	5/30/15
Ambient Air Withdrawal Test				5/9/15	5/13/15	5/30/15 6/4/15
I/W Well Plugging and Abandonment						
<b>Demonstrations</b>						
Step Rate Test (during drilling)						
Internal MIT - I/W Well		1/26/15				
Internal MIT - P 1-27		1/26/15				
Fall Off Tests		2/17/15 2/19/15	4/1/15	4/3/15	5/1/15 5/3/15	
External MIT						6/18/15
<b>Monitoring Logs</b>						
I/W Well Wellhead Pressure & Temperature	1/13/15					
I/W Well Downhole Pressure & Temperature	1/13/15					
I/W Well Downhole Pressure & Temperature Survey					6/3/15 6/5/15	
I/W Well Annular Pressure & Temperature	1/13/15					
I/W Well Pressure & Temperature Log						
P 1-27 Wellhead Pressure & Temperature	1/13/15					
P 1-27 Well Downhole Pressure & Temperature Survey		1/21/15	3/30/15	4/4/15	4/30/15 5/9/15	5/30/15
P 1-27 Well Annular Pressure & Temperature	1/13/15					
P 1-27 TMDL Log				4/4/15		
P 1-27 Temperature Log					4/29/15	
Citizen Green Wellhead Pressure & Temperature		2/8/15				
Citizen Green Downhole Pressure & Temperature Survey		1/21/15			5/15/15	
P 2-27 TMDL Log				4/4/15	5/9/15	
P 2-27 Temperature Log					5/9/15	
<b>Sampling</b>						
Injection Sample of Depleted Air		2/11/15 2/16/15			5/7/15	5/21/15 5/29/15
Injection Sample of Ambient Air						
Sample of Water Flow Produced by N2 Lift of I/W Well						

Attachment 1 - CAES Compression Test Project Data Collection Timeline

	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15
Operations						
Drilling						
Well Completion						
Nitrogen Lift						
Well Stimulation						
Oxygen Depleted Air Injection Bubble Build						
Oxygen Depleted Air Withdrawal Test (Cycle Test 1 & 2)						
Ambient Air Injection Bubble Build						
Ambient Air Withdrawal Test						
I/W Well Plugging and Abandonment						■ 12/22/15
Demonstrations						
Step Rate Test (during drilling)						
Internal MIT - I/W Well						■ 12/7/15
Internal MIT - P 1-27						■ 12/7/15
Fall Off Tests						
External MIT						
Monitoring Logs						
I/W Well Wellhead Pressure & Temperature						■ 12/4/15
I/W Well Downhole Pressure & Temperature						■ 12/4/15
I/W Well Downhole Pressure & Temperature Survey		■ 8/13/15	■ 9/15/15	■ 10/13/15	■ 11/17/15	■ 12/4/15
I/W Well Annular Pressure & Temperature						■ 12/4/15
I/W Well Pressure &Temperature Log	■ 7/10/15					
P 1-27 Wellhead Pressure & Temperature						■ 12/4/15
P 1-27 Well Downhole Pressure & Temperature Survey						
P 1-27 Well Annular Pressure & Temperature						■ 12/4/15
P 1-27 TMDL Log						
P 1-27 Temperature Log						
Citizen Green Wellhead Pressure & Temperature						■ 12/4/15
Citizen Green Downhole Pressure & Temperature Survey						
P 2-27 TMDL Log						
P 2-27 Temperature Log						
Sampling						
Injection Sample of Depleted Air						
Injection Sample of Ambient Air						
Sample of Water Flow Produced by N2 Lift of I/W Well						